



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/083,960A  
Source: IFW -  
Date Processed by STIC: 12/29/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

## RAW SEQUENCE LISTING

DATE: 12/29/2003

PATENT APPLICATION: US/10/083,960A

TIME: 17:59:14

Input Set : A:\-2-4.app

Output Set: N:\CRF4\12292003\J083960A.raw

Does Not Comply  
Corrected Diskette Reader

4 <110> APPLICANT: Rothbard, Jonathan B.  
 5 Wender, Paul A.  
 6 McGrane, P. Leo  
 7 Sista, Lalitha V.S.  
 8 Kirschberg, Thorsten A.  
 9 CellGate, Inc.  
 11 <120> TITLE OF INVENTION: Compositions and Methods for Enhancing  
 12 Drug Delivery Across and Into Ocular Tissues  
 15 <130> FILE REFERENCE: 019801-000240US  
 17 <140> CURRENT APPLICATION NUMBER: US 10/083,960A  
 C--> 18 <141> CURRENT FILING DATE: 2003-02-25  
 20 <150> PRIOR APPLICATION NUMBER: US 60/150,510  
 21 <151> PRIOR FILING DATE: 1999-08-24  
 23 <150> PRIOR APPLICATION NUMBER: US 09/648,400  
 24 <151> PRIOR FILING DATE: 2000-08-24  
 26 <150> PRIOR APPLICATION NUMBER: US 09/792,480  
 27 <151> PRIOR FILING DATE: 2001-02-23  
 29 <160> NUMBER OF SEQ ID NOS: 86  
 31 <170> SOFTWARE: FastSEQ for Windows Version 3.0

## ERRORED SEQUENCES

479 <210> SEQ ID NO: 29  
 480 <211> LENGTH: 17 *16 shown below*  
 481 <212> TYPE: PRI  
 482 <213> ORGANISM: Artificial Sequence  
 484 <220> FEATURE:  
 485 <223> OTHER INFORMATION: Antennapedia homeodomain region residues 43-58  
 487 <400> SEQUENCE: 29  
 488 Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys  
 E--> 489 1 5 10 15

FWI

Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

RAW SEQUENCE LISTING ERROR SUMMARY  
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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:86; Line(s) 2573

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Input Set : A:\-2-4.app

Output Set: N:\CRF4\12292003\J083960A.raw

L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:102 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:107 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:119 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:123 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:135 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:140 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:152 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:157 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9  
L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:169 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:174 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:186 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:191 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11  
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:203 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:208 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:220 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:225 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13  
L:226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:237 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:242 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14  
L:243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:254 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:259 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15  
L:260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
L:271 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:276 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16  
L:277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
L:288 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:293 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17  
L:294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
L:305 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:310 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18  
L:311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0  
L:322 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:327 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19  
L:328 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
L:339 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:344 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20  
L:345 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0  
L:356 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:361 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:21

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Input Set : A:\-2-4.app

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L:362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
L:373 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:378 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22  
L:379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
L:390 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:395 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23  
L:396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
L:407 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:412 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24  
L:413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0  
L:424 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:429 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25  
L:430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
L:441 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:446 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26  
L:447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0  
L:458 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:463 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:27  
L:464 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0  
L:489 M:252 E: No. of Seq. differs, <211> LENGTH:Input:17 Found:16 SEQ:29  
L:499 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:504 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30  
L:505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0  
L:518 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:523 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:31  
L:524 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0  
L:536 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:540 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32  
L:541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
L:552 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:557 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33  
L:562 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33  
L:563 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0  
L:574 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:579 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:34  
L:584 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:34  
L:589 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:34  
L:590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0  
L:601 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:606 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:35  
L:611 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:35  
L:616 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:35  
L:621 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:35  
L:622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0  
L:633 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:638 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:36  
L:643 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:36  
L:648 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:36  
L:653 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:36

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L:658 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:36  
L:659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0  
L:670 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:674 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:37  
L:678 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:37  
L:682 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:37  
L:683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0  
L:694 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:699 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:38  
L:704 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:38  
L:709 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:38  
L:714 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:38  
L:715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0  
L:726 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:731 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:39  
L:736 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:39  
L:741 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:39  
L:746 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:39  
L:752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0  
L:763 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0  
L:805 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0  
L:852 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0  
L:905 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:951 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0  
M:341 Repeated in SeqNo=43  
L:963 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1014 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0  
M:341 Repeated in SeqNo=44  
L:1027 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0  
L:1063 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0  
L:1095 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0  
L:1132 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0  
M:341 Repeated in SeqNo=48  
L:1175 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0  
M:341 Repeated in SeqNo=49  
L:1224 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1265 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0  
M:341 Repeated in SeqNo=50  
L:1278 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0  
M:341 Repeated in SeqNo=51

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L:1337 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1401 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1438 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1471 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1510 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1554 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!